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CTAGAGO		CAG	GAG:	IAA	CTC	TCA			TGG	AAAC	CAT	TCT			'GAA	TTT	CA	
	70			_			_	90					11	_				
GGGCACA		GAA'	TCA	GTA	CCC	AGG			ACT	ATGC	TCC	CAG		_	CTT	'AGT	TT	
	130		.			~~~	15						17	-				
CCTCCTC		GT'I"	TCA	CCC	TGT	GAG			AGAC	CAAA	ATT	TTT			"T"T"I	"I"I"I	"T'T	
	190						2:						23	_				
TTTTTT		TTT	TTG	CCC	TCC	AGT			TGGC	CCAG	TTC	TCA			LGGA	AGA	GT	
	250						27	•					29	-				
AGAAATO	CATA		_	_														
		M	R	Α	V	F	I	-	A	E	E	Н	P		A	F	С	11
	310							30					35	-				
GCTACCA																		
Y Q	V	N	G	S	С	P	R		H	T	L	3	I	Čδ	L	V	·I	
	370					~~~		90					41	_				
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CCCTGGC	_		_	_	_													
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AGAGCTO																		
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C L	_	s	I	F	H	L	C		S	I	D	R	H 71	. –	A	I	С	
GMG 3 GG	670	~~~	~m>	maa				90	ma 2	2006		mar			~~~			
GTGACC																		
D P	_	L	Y	P	S	K	F		R	V	A	L	R	–	I	L	A	
C1 CC1 TC	730	~~m	~~~		300			50 macam		поот		~ ~ ~	77	-		1707		
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G W	G 790	V	P	A	A	Y	_	S L LO	F	יו	¥	T	83	•	V	E	T	
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			W W	GC I	GGA E	AGA E	M	PC		G	S	C	0	L	.GC 1	I.	N	
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L Y	V	K										Q	I	T	· Т	Τ.	S	
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	L								К						G		v	
	1030		•	••	••	••	10					••	107		_	_	•	
TTGTGG			ССТ	СТТ	GTC	стс			TCA	CCAT	AGA	CAC		_	rcga	CAC	GCC	
V G			L					PF				T		v			L	
	1090	_	_	_	•	•••	11		-	_	_	_	113	-	_	_	_	
TCCTTC			CAC	ACC	CCC	CACT			ACA'	тстт	rarr	CTC			TT	CTI	ГСА	
L H								F										
	1150	_	•	•	•	-	11		_	•	_	•••	119		-	-		
ACTCAG			CCC	CAT	ירבחי	מידטי			יככת	ACC	CTC	CTT		_	AGGC	CACT	rga	
	c							F S					R					
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	L		Q			F		P					D			0		
	1270		×	•	•	•	12	-	•		•	•	131		_	-	_	
AATGAT			אכית	ΔΔΔ	TGC	AGG				ACCI	CAC	AGC			гаас	TGO	GCA	
*		1	1	14			u 1									• •		
	1330						13	50					137	70				
CTGTGA			СТС	тст	יככיו	rgrī			GGG	CATO	CTT	CC			GCAT	rggo	ЭТТ	
• • •	- 12J																	
	ccuc			131												7.7		
	ccuc			191		3	25	3 <i>0</i> 0 -	-45	-1	•							
	ccuc			191		3	25		-45	-1	•							

Homology Comparison HDGRC02 X Mu.β-1 Adrenoreceptor

Percent Similarity: 55.864 Percent Identity: 32.099

3	AVFIQGAEEHPAAFCYQVNGSCPRTVH.TLGIQLVIYLTCAAGMLIIVLG :: : . :	51
30	ARLLVLASPPASLLPPASEGSAPLSQQWTAGMGLLVALIVLLIVVG	75
52	NVFVAFAVSYFKALHTPTNFLLLSLALADMFLGLLVLPLSTIRSVESCWF	101
76	NVLVIVAIAKTPRLQTLTMILFIMSLASADLVMGLLVVPFGATIVVWGRWE	125
102	FGDFLCRLHTYLDTLFCLTSIFHLCFISIDRHCAICDPLLYPSKFTVRVA	151
126	YGSFFCELWTSVDVLCVTASIETLCVIALDRYLAITSPFRYQSLLTRARA	175
152	LRYILAGWGVPAAYTSLFLYTDVVETRLSQWLEEMPCVGSCQLLLNK .: :: . : : . : . : . : : : :	198
176	RALVCTVWAISALVSFLPILMHWWRAESDEARRCYNDPKCCDFVTNR	222
199	FWGWLNFPL FFVPCLIMISLYVKIFVVATRQAQQITTLSKSLAGA ::: : : ::: : :!	243
	AYAIASSVVSFYVPLCIMAFVYLRVFREAQKQVKKIDSCERRFLGGPARP	
244		261
273	PSPEPSPSPGPPRPADSLANGRSSKRRPSRLVALREQKALKTLGIIMGVF	322
	LLCWLPFTIDTMVDSLLHFITPPLVFDIFIWFAYFNSACNPIIYVFSYQW	
323	TLCWLPFFLANVVKAFHRDLVPDRLFVFFNWLGYANSAFNPIIYCRSPDF	372
312	FRKALKLTLSQKVFSPQTRTVD 333 : : : · · · · · · ·	
373	RKAFQRLLCCARRAACRRAAH 394	

PIGURE 2 1/1 325800-451

Homology Comparison HDGRC02 X Hu. D2 receptor

Percent Similarity: 58.333 Percent Identity: 32.000

8	GAEEHPAAFCYQVNGSCPRTVHTLGIQLVIYLTCAAGMLIIVLGNVFVAF	57
10	::::: :: :: :: : : : ::: DDDLERQNWSRPFNGSDGKADRPHYNYYATLLTLLIAVIVFGNVLVCM	57
59	TOTALKALLI DINE DUDOLADINE DODDA DE DOTEMBA DOME E COL DO	107
58		107
108	RLHTYLDTLFCLTSIFHLCFISIDRHCAICDPLLYPSKFTVRVALRYILA	157
108	: . .:: . :: .:: . : : : :	157
158	.GWGVPAAYTSLFLYTDVVETRLSQWLEEMPCVGSCQLLLNKFWGWLNFP	206
	. .::: : ::::::::::::::::::::	
207	LFFVPCLIMISLYVKIFVVATRQAQQITTLSKSLAGAAKH	246
197	: :::: : :: :. ::: SFYVPFIVTLLVYIKIYIVLRRRKRVNTKRSSRAFRAHLRAPLKEAARR	246
	ERKAAKTL	254
	1:11	
	EKNGHAKDHPKIAKIFEIQTMPNGKTRTSLKTMSRRKLSQQKEKKATQML	
255	GIVVGIYLLCWLPFTIDTMVDSLLHFITPPLVFDIFIWFAYFNSACNPII : :::::	304
347	AIVLGVFIICWLPFFITHILNIHCDCNIPPVLYSAFTWLGYVNSAVNPII	396
305	YVFSYQWFRKALKLTL 320	
397	. : . YTTFNIEFRKAFLKIL 412	

FIGURE 3 325800-451

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